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**FOLIO OF THE SEWARD AND BAYVIEW SOUND QUADRANGLES, ALASKA**  
MAP MF--880A  
**SHEET I, OF 2**  
**Tysdal-Mines, prospect and occurrences**

**Geologic**

Chertiferite (DZ) is a rare common accessory mineral in the gold veins. It generally is associated with pluma and is not a diagnostic mineral. It is found in the Tysdal-Mines area. The chertiferite is associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area. The chertiferite is associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area.

**Structural**

Large resources of sand, gravel, and rock suitable for industrial and construction use are common in the Seward and Tysdal-Mines areas. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel.

**Mineral**

Asbestos was reported (Curtis and Higgins, 1931, p. 79) in irregular veins with quartz in a prospect (1822) on the Tysdal-Mines area. The asbestos is associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area. The asbestos is associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area.

**Vegetation**

Barren was detected in amounts of 0.000 per acre or greater at localities 284 where it is disseminated in frost-protected portions. In parts of the Tysdal-Mines area, the vegetation is reported to be 0.000 per acre or greater. The vegetation is reported to be 0.000 per acre or greater. The vegetation is reported to be 0.000 per acre or greater.

**Topography**

Barren was detected in an appreciable amount in only two samples from localities 12 and 26. At both places values of 0.000 per acre were obtained from quartz veins that cut sandstone of the Tysdal-Mines. Many samples were analyzed from the Tysdal-Mines area. The Tysdal-Mines area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel.

**Geology**

Small quantities of fluorite, associated with quartz, were reported by Mendelsohn (1900, p. 200) in quartz veins cutting sandstone on Passage Peak. This is the only known report of fluorite in the Seward area, and it seems likely the occurrence is in error or was due to sandstone. The fluorite is associated with the sandstone and is not a diagnostic mineral. It is found in the Tysdal-Mines area.

**Hydrology**

Headwaters (79), the common name for eschscholite apophyllite, occurs, crop out along the highway near Moose Pass. The headwaters (79) are associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area. The headwaters (79) are associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area.

**Geology**

Limestone, not common in the map area, occurs chiefly in the Tysdal-Mines area. It is associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area. The limestone is associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area.

**Structural**

Sand, gravel, and rock are widely distributed in the Seward and Tysdal-Mines areas. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel.

**Mineral**

The pyrite deposits at Hennessy Bay (126, 193), Litchie Island, investigated for their copper content in the early 1900s, are associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area. The pyrite deposits are associated with the gold veins and is not a diagnostic mineral. It is found in the Tysdal-Mines area.

**Geology**

No significant quantities of mineral resources are known in the Seward of Seward Sound quadrangle. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel.

**Vegetation**

No significant quantities of gravel or other materials are known in the map area. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel.

**Topography**

No petroleum resources are known in the map area, and the potential for them is low. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel. The Seward area is a large area of sand and gravel. The Tysdal-Mines area is a large area of sand and gravel.

**REFERENCES CITED**

Alaska Department of Mines, 1930, Report of the Commissioner of Mines for the biennium ended March 31, 1930. Juneau, Alaska.

Barnes, F. J., 1943, *Geology of the Portage Pass area*. U.S. Geol. Survey, Bulletin 724, 31 p.

Barnes, F. J., 1944, *Geology of the Betsieon copper district*. U.S. Geol. Survey, Bulletin 730, 31 p.

Becker, G. A., 1908, *Reconnaissance of the gold fields of southern Alaska*, with notes on recent geological progress. U.S. Geol. Survey, Bulletin 370, 100 p.

Brown, A. C., and Cobb, E. W., 1920, *Metalliferous lake deposits of Alaska*. U.S. Geol. Survey, Bulletin 1248, 254 p.

Brooks, A. C., 1913, *The mining industry in 1912*. U.S. Geol. Survey, Bulletin 842, 10 p.

\_\_\_\_\_, 1914, *The mining industry in 1913*. U.S. Geol. Survey, Bulletin 842, 10 p.

\_\_\_\_\_, 1915, *The Alaska mining industry in 1914*. U.S. Geol. Survey, Bulletin 739, 14 p.

Brooks, A. C., and Capps, S. R., 1916, *The Alaska mining industry in 1915*. U.S. Geol. Survey, Bulletin 759, p. 249.

Capps, S. R., 1916, *The Tarnagait-Nahai region*. U.S. Geol. Survey, Bulletin 642, p. 142-148.

Capps, S. R., and Johnson, R. W., 1918, *The Ellamar district*. U.S. Geol. Survey, Bulletin 669, 128 p.

Curtis, A. C., Barnes, F. J., and Johnson, R. W., 1931, *The Seward Sound area*. U.S. Geol. Survey, Bulletin 842, 10 p.

Curtis, A. C., Barnes, F. J., and Johnson, R. W., 1931, *The Tysdal-Mines area*. U.S. Geol. Survey, Bulletin 842, 10 p.

Curtis, A. C., Barnes, F. J., and Johnson, R. W., 1931, *The Seward Sound area*. U.S. Geol. Survey, Bulletin 842, 10 p.

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